

19



Europäisches Patentamt
European Patent Office
Office européen des brevets

11 Publication number:

**0 274 574
A3**

12

EUROPEAN PATENT APPLICATION

21 Application number: 87114344.2

51 Int. Cl.4: A01N 25/18 , A01N 25/24

22 Date of filing: 01.10.87

30 Priority: 13.01.87 US 2903

43 Date of publication of application:
20.07.88 Bulletin 88/29

84 Designated Contracting States:
AT BE CH DE ES FR GB GR IT LI LU NL SE

68 Date of deferred publication of the search report:
07.06.89 Bulletin 89/23

71 Applicant: S.C. JOHNSON & SON, INC.
1525 Howe Street
Racine, Wisconsin 53403(US)

72 Inventor: Flashinski, Stanley J.
1714 Red Coat Drive
Racine Wisconsin 53406(US)
Inventor: Hainze, John H.
2822 North Wisconsin
Racine Wisconsin 53402(US)
Inventor: Verbrugge, Calvin J.
1031 Ohio Street
Racine Wisconsin 53405(US)

74 Representative: Baillie, Iain Cameron et al
c/o Ladas & Parry Isartorplatz 5
D-8000 München 2(DE)

54 Composition and method for repelling insects.

57 This invention relates to volatile insect repellent compositions comprising an insect repellent, such as deet, and specific maleic anhydride/alpha olefin polymers to increase the residual activity of the insect repellent.

EP 0 274 574 A3



EP 87 11 4344

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	FR-A-2 374 853 (BAYER) * Page 2, line 33 - page 4, line 4; page 4, line 31 - page 5, line 4; example H; claims * ---	1-12	A 01 N 25/18 A 01 N 25/24
A	US-A-3 860 700 (A. VIOUET et al.) * Column 3, lines 2-50; examples A-F, K-N; claims * ---	1-12	
A	CENTRAL PATENTS INDEX, BASIC ABSTRACTS JOURNAL, Section C: AGDOC, Week C47, 21st January 1981, Derwent Publications, London, GB; & JP-A-80 129 202 (NITTO ELECTRIC IND. K.K.) 28-03-1979 * C40-83340 c/47 * ---	1-12	
A	EP-A-0 047 648 (DU PONT DE NEMOURS) * Page 4, line 1 - page 9, line 14; claims * & US-A-4 435 383 (Cat. D, A) ---	1-12	
D, A	US-A-4 358 573 (C.J. VERBRUGGE) * Column 1, lines 29-41; claims * -----	1-12	TECHNICAL FIELDS SEARCHED (Int. Cl.4) A 01 N C 08 F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 10-03-1989	Examiner FLETCHER A.S.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			